

Marwan Mostafa Mahmoud

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Profile:

A visionary Senior 3D Artist and Architect specializing in the art of architectural visualization and storytelling. transforming abstract concepts into vivid, highly photorealistic realities, crafting the ultimate vision for diverse commercial, residential, and mixed-use developments. With a proven track record of delivering 50+ large-scale projects across the MENA region (Egypt, KSA, UAE, Oman),

I have successfully collaborated on and delivered projects with 30+ major design studios, construction firms, and leading real estate developers across Egypt and the Middle East. Notable collaborations include EMAAR, IL CAZAR, SODIC, Palm Hills, Hafez Consultants, YBA Architects, Golden View Developments, EBNY Developments, Living Yards, 360 Architects, Monterra Developments, and Samco Holding.

Leveraging an advanced arsenal of rendering engines (V-Ray, Corona, Unreal Engine, Twin Motion, D5 Render, Lumion), AI-driven workflows, and the complete Chaos Group ecosystem, I deliver cinematic animations and precise visual narratives. Currently pursuing an MSc in Architectural Engineering, I am dedicated to pushing the boundaries of the CGI industry to ensure world-class visual excellence from concept to completion.

Education:

- **Master of Science (MSc) in Architectural Engineering** Ain Shams University (ASU) (2025 – Present)
- **Bachelor of Architectural Engineering** Modern Academy for Engineering and Technology (2018 – 2023) B+ Overall Degree / A+ For Graduation Project

Experience:

1. Lodestar Visual (2024 – Present)

- **Job Role:** Senior 3D Artist and Visualizer.

Projects:

- Hilton – Golden View Mixed Use Project (New Cairo) | • Sodic-Northcoast Project / Emaar (Ras Elhekma)
- Wadi Zaha residential Project (Oman) | • El Diriyah residential Project (Riyadh, KSA)
- Diplo East Compound (Diplomatic District, New Capital) | • Link Vibe & Link View Malls (New Cairo)
- Summit Administrative Complex / Hafez Consultants | • Novelist residential Compound (Mokattam)
- Mega Mall / 360 Architects (Elsadat City) | • Ford Car Center (Riyadh, KSA)
- Zawaya Mall – Commercial Mall & Administrative Units | • EDG – Commercial Mall & Administrative Units
- Golden Hub – Commercial Mall & Administrative Units | • Rawaj – Commercial Mall & Administrative Units
- Black Sand – Res, Commercial & Hotel (KSA) | • Dar Jaddah Towe – Residential (KSA)
- Monterra – Coastal Residential | • Pattern – Commercial Mall & Administrative Units
- Shababik – Residential Compound | • Solay Compound – Residential, LivingYards Developments
- Zahra – Residential Compound | • Cairova – Residential Compound
- El Shuabieen – Hotel (KSA) | • Madina Exhibition Center (El Madina ,KSA)
- Sobic – Commercial Mall & Administrative Units | • Tuvalo – Commercial Mall & Administrative Units
- Zahwa – Commercial Mall & Administrative Units
- Najm – Residential Compound

- **Roles and Responsibilities:**

- Leading the design and production of highly photorealistic 3D visualizations and cinematic animation videos for diverse commercial, residential, and administrative projects.
- Expertly utilizing Autodesk 3ds Max for advanced 3D modeling and scene development, leveraging V-Ray to achieve exceptional levels of realism and lighting accuracy.
- Creating immersive real-time animation sequences using Chaos Vantage, integrating Anima and CityTraffic tools to simulate realistic human crowds and vehicle movements for enhanced visual authenticity.
- Performing advanced post-production workflows using Adobe Premiere Pro and Adobe Photoshop to refine renders, optimize color grading, and deliver polished final outputs.
- Collaborating closely with architects, top-tier design studios, and real estate developers to ensure all visual content aligns perfectly with the project's core vision and story.
- Ensuring all deliverables meet the highest global quality standards by applying cutting-edge visualization and AI techniques for presentations and marketing materials.

2. PropTech & Digital Twin Leadership (Specialized Team Lead)

- **Roles and Responsibilities:**

- Directing a fully dedicated, specialized team in delivering cutting-edge PropTech and Digital Twin solutions for the real estate sector.
- Developing fully customizable, immersive platforms that provide a realistic project experience, integrating 2D/3D interactive layouts, photorealistic renders, and full unit specifications/areas.
- Crafting dynamic 360° virtual tours and interactive master plans tailored to the exact needs of developers and clients.
- Integrating smart UI/UX features, including real-time client inquiries, "request a call" actions, and CRM-ready modules to boost sales and client engagement.
- Successfully deployed comprehensive Digital Twin systems for 10+ major real estate projects, with standout systems developed for Monterra, Golden View, and Zawaya Mall.

3. Sama Architecture Company (Mid 2022 – End 2023)

- **Job Role:** Architectural Designer & 3D Artist.

- **Project:**

- Business Park El-Rehab (Misr-Italia).

- **Roles and Responsibilities:**

- Contributed to developing detailed architectural designs and 3D conceptual models for commercial buildings.

- Utilized design and visualization software such as AutoCAD, Revit, and 3ds Max to translate 2D plans into comprehensive 3D project visuals.
- Collaborated with the senior design team and contractors to refine architectural concepts and resolve design challenges.
- Prepared high-quality design presentations and visual progress reports to facilitate client approvals and management reviews.

Certifications:

- **D5 Certified User – D5 Render**
 - Certificate Number: 20251209JXLK9P
 - Exam Passed Time: 2025/12/09
- **Autodesk Revit Architecture & 3ds Max – Autodesk**
 - Credential ID: RVA-22-7-143-3064-6-32658
 - Date: 17/07/2022 to 09/08/2022

Professional Skills & Strengths:

- **Client Communication & Vision Translation:** Excelling at actively listening to clients, understanding their core needs, and translating abstract requirements into highly accurate and visually stunning realities.
- **Team Collaboration:** Working seamlessly with multidisciplinary teams, architects, and developers to ensure cohesive, efficient, and flawless project execution.
- **Meticulous Attention to Detail:** Maintaining a sharp eye for technical accuracy, realistic texturing, precise lighting, and spatial composition.
- **Deadline Management & Reliability:** Proven ability to manage complex workflows efficiently, delivering world-class results under strict deadlines without compromising quality.
- **Problem-Solving & Critical Thinking:** Strong analytical skills to optimize rendering workflows and resolve technical challenges on the fly.

Software Proficiency:

- **Chaos Group Ecosystem:** V-Ray, Corona, Vantage, Anima.
- **Real-Time & Visualization Engines:** D5 Render, Lumion, Twinmotion, Unreal Engine.
- **BIM & 3D Modeling (Autodesk):** 3ds Max, Revit, AutoCAD.
- **Post-Production & Video Editing:** Adobe Photoshop, Adobe Premiere Pro.
- **AI Workflows & Enhancement:** Kling AI, ChatGPT, Gemini, Magnific AI.

Expertise:

- Architectural Visualization & Storytelling
- PropTech & Digital Twin Platforms
- Cinematic Animation Videos
- Virtual Reality (VR) Tours

- AI Tools Integration in CGI workflows
- Advanced Post-Production & VFX

Languages:

- Arabic (Native)
- English (Highly Proficient in Writing and Speaking)

Hobbies:

- Designing & Creative Direction
- Visualization & Visual Arts
- VFX & Animation
- Photographing
- Attending Architecture & CGI Workshops